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PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

02/12/2004 STEUMEL1 00000057 170055 10774122

01 FC:1001 770.00 DA
02 FC:1201 172.00 DA

Adjustment date: 03/09/2004 SDIRETA1
02/12/2004 STEUMEL1 00000057 170055 10774122
01 FC:1001 770.00 CR
02 FC:1201 172.00 CR

03/09/2004 SDIRETA1 00000004 170055 10774122

01 FC:2001 365.00 DA
02 FC:2201 66.00 DA

PTO-1556
(5/87)

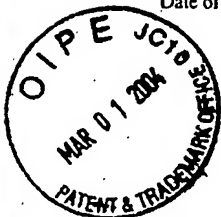
DEPT 2 KEF
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Date of Signature and Deposit: February 27, 2004

2004 MAR -3 PM 12:50

Nicholas J. Seay



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas P. Zwaka
James A. Thomson

Date: February 27, 2004

Serial No.: 10/774,122

Group Art Unit:

Filed: 02/06/2004

Examiner:

Title: DIRECTED GENETIC MODIFICATIONS
OF HUMAN STEM CELLS

File No.: 960296.99021

REQUEST FOR REFUND UNDER 37 C.F.R. §1.26

Commissioner for Patents
P O Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The applicants hereby request a refund of that portion of the filing fee paid in excess of that required in the above-noted patent application.

The applicants hereby assert their entitlement to small entity status as required by 37 C.F.R. §1.27(c)(1). This request for a refund of the excess amount is filed within three months of the date of the timely payment of the full fee. This three month period expires on May 6, 2004.

The full \$942.00 filing fee was paid with the application. Applicants hereby request a refund of \$471.00. Please credit the refund to Deposit Account No. 17-0055.

Respectfully submitted,

Nicholas J. Seay

Reg. No. 27,386

Attorney for Applicants

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Madison, WI 53701-2113

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number	10/774,122
Filing Date	02/06/2004
First Named Inventor	Thomas P. Zwaka
Examiner Name	
Art Unit	
Attorney Docket No.	960296.99021

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

17-0055

Quarles & Brady LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee *	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20* =	X	0.00
Multiple Dependent	-3** =	X	0.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

Name (Print/Type)	Nicholas J. Seay	Registration No. (Attorney/Agent)	27,386	Telephone	608/251-5000
Signature		Date	February 27, 2004		

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